Image & Video File Types

Task 1 [8 marks]

Images offer a variety of file types, with their own features and uses. In the table below identify the colour depth, type of compression & one use for each of the image file types listed.

File Type	Colour Depth	Compression	Use
BMP			
JPG			
GIF			
PNG			

Task 2 [4 marks]

The image file types listed above are all examples of raster images. There are other file types used for a different kind of image called a vector image. Below, define the terms raster and vector images.

Raster images

_____

Vector images

_____

Task 3 [4 marks]

Below are several statements about different video file types. Identify which of these statements are true and which are false.

	True	
1. AVI have limited compression features and is more commonly used for high-quality uncompressed video.	☐	☐
2. AVI is the best file type for streaming as it's index is located at the end of the file container.	☐	☐
3. MOV and MP4 file types are so similar that you can convert video between them without re-encoding the video.	☐	☐
4. MKV is the best file type for watching video on mobile devices like tablets, due to its high compatibility with these devices.	☐	☐

Task 4 [4 marks]

David has finished editing his video and is now ready to export it for uploading it to a video streaming service for sharing it with others. Identify two reasons why the MP4 file type would be a good choice for this.

1.

2.